

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A method of training a natural language unit comprising:

generating a first meaning set from a first corpus  
using a first natural language unit;  
generating a second meaning set from a second corpus  
using a second natural language unit;  
comparing the first meaning set to the second meaning  
set to generate a score ; and  
using the score to determine how to modify the first  
natural language unit .

2. (Original) The method of claim 1 wherein the first corpus comprises a corpus written in a first language and the second corpus comprise the corpus written in a second language.

3. (Currently Amended) The method of claim 2 wherein the second corpus is aligned with the first corpus.—

4. (Original) The method of claim 1 wherein generating a meaning set from the first corpus comprises:

performing a syntactic parse on the first corpus to  
produce a set of syntactic parses;  
performing semantic interpretation of each syntactic  
parse to produce the meaning set.

5. (Original) The method of claim 1 further comprising before using the score:

changing the specification of at least one component in  
the first natural language unit;



generating a third meaning set from the first corpus  
using the first natural language unit with the  
changed specification; and  
comparing the third meaning set to the second meaning  
set to generate a second score.

6. (Currently Amended) The method of claim 5 wherein using the  
score to determine ~~whether~~how to modify the first natural  
language unit comprises comparing the score to the second score  
and modifying the first natural language unit based on the  
difference between the score and the second score to produce a  
modified natural language unit.

7. (Currently Amended) The method of claim 5 further comprising  
after modifying the first natural language unit performing steps  
of:

generating a fourth meaning set from the first corpus  
using the modified natural language unit;  
comparing the fourth meaning set to the second meaning  
set to determine a third score; and  
using the third score to determine whether to further  
modify the natural language unit.

8. (Original) A computer-readable medium having computer-  
executable instructions for performing steps for training natural  
language units, the steps comprising:

converting a corpus of sentences into at least two  
meaning sets using at least two different natural  
language units; and  
comparing the meaning sets to evaluate the performance  
of one or more of the at least two natural  
language units.



9. (Original) The computer-readable medium of claim 8 wherein converting a corpus of sentences comprises converting a corpus comprising sentences from at least two different languages.

10. (Original) The computer-readable medium of claim 8 wherein the steps for training further comprise:

- changing at least one of the natural language units to provide a modified natural language unit;
- converting at least part of the corpus of sentences into a modified meaning set using the modified natural language unit; and
- comparing the modified meaning set to another meaning set to evaluate the performance of the modified natural language unit.

11. (Original) The computer-readable medium of claim 10 wherein the steps of training further comprise performing the steps of changing the natural language unit, converting at least part of the corpus into a modified meaning set and comparing the modified meaning set to another meaning set for each of a plurality of changes to the natural language unit.

12. (Original) The computer-readable medium of claim 11 wherein the steps of training further comprise selecting to permanently implement one of the changes to the natural language unit from the plurality of changes by comparing the performance evaluations of each of the plurality of changes to each other.

13. (Original) The computer-readable medium of claim 12 wherein changing a natural language unit comprises changing a syntactic parser in the natural language unit.



14. (Original) The computer-readable medium of claim 12 wherein changing a natural language unit comprises changing a semantic interpreter in the natural language unit.

15. (Original) The computer-readable medium of claim 10 wherein changing at least one natural language unit comprises changing at least two natural language units.

16. (Original) A method of training a natural language unit comprising:

- generating a first action set from a first corpus using a first natural language unit;
- generating a second action set from a second corpus using a second natural language unit;
- comparing the first action set to the second action set to generate a score ; and
- using the score to determine how to modify the first natural language unit .

17. (Original) The method of claim 16 wherein the first corpus comprises a corpus written in a first language and the second corpus comprise the corpus written in a second language.